Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
Data File : BM028421.D
Acq On : 18 Jan 2021 12:24
Operator : CG/JU
Sample : M1117-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFN62

Manual Integrations APPROVED
mohammad
1/18/2021 3:35:14 PM

Quant Time: Jan 18 13:25:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 18 10:13:28 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	29674	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	115714	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	62063	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	119571	20.00	ng/ul	0.00
78) Chrysene-d12	21.58	240	112809	20.00	ng/ul	0.00
86) Perylene-d12	23.90	264	115669	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.35	96	1313	1.86	ng/uL	0.01
5) Phenol-d5	7.24	99	31469	12.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	19070	12.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	26884	12.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	24748	12.10	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	12035	12.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	13113	12.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	24424	12.39	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	15055	6.56	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	66506	13.49	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	87591	13.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	9224	9.99	ng/ul	0.00
58) Fluorene-d10	15.71	176	57390	13.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	6242	7.59	ng/ul	0.00
71) Anthracene-d10	17.55	188	85115	13.83	ng/ul	0.00
79) Pyrene-d10	19.82	212	89460	13.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.76	264	93296	14.21	ng/ul	0.02
Target Compounds						Qvalue
4) Benzaldehyde	7.22	77	4043	3.222	ng/ul	94
6) Phenol	7.26	94	7038	2.792	ng/ul	97
14) Acetophenone	8.92	105	3994	1.319	ng/ul	97
34) 2-Methylnaphthalene	12.56	142	4674	1.057	ng/ul	93
45) Dimethylphthalate	14.17	163	12260	2.454	ng/ul#	99
48) Acenaphthylene	14.45	152	18255	2.898	ng/ul	97
70) Phenanthrene	17.50	178	123112	16.675	ng/ul	99
72) Anthracene	17.59	178	29958	3.975	ng/ul	97
75) Carbazole	17.85	167	13346	2.084	ng/ul	98
77) Fluoranthene	19.49	202	248723	30.961	ng/ul	97
80) Pyrene	19.85	202	246631	28.260	ng/ul	99
83) Benzo(a)anthracene	21.56	228	129902	16.569	ng/ul	98
85) Chrysene	21.61	228	128214	16.866	ng/ul	97
88) Benzo(b)fluoranthene	23.20	252	186298	23.791	ng/ul#	95
89) Benzo(k)fluoranthene	23.24	252	56477m	7.367	ng/ul	
91) Benzo(a)pyrene	23.80	252	130839	18.097	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	26.28	276	100096	11.357	ng/ul	97
93) Dibenzo(a,h)anthracene	26.29	278	25306	3.407	ng/ul#	79
94) Benzo(g,h,i)perylene	27.01	276	117232	15.942	ng/ul	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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